

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
17 February 2005 (17.02.2005)

PCT

(10) International Publication Number
WO 2005/014448 A1

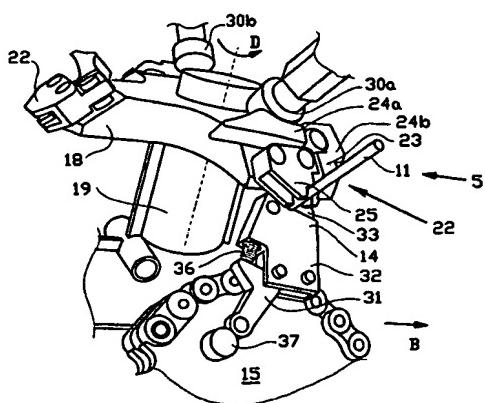
- (51) International Patent Classification⁷: **B65G 47/84, A23G 3/02, 7/00**
- (21) International Application Number: **PCT/NL.2004/000494**
- (22) International Filing Date: **8 July 2004 (08.07.2004)**
- (25) Filing Language: **Dutch**
- (26) Publication Language: **English**
- (30) Priority Data:
1023908 11 July 2003 (11.07.2003) NL
- (71) Applicant (for all designated States except US): **CFS WEERT B.V. [NL/NL]; Postbus 296, NL-6000 AG Weert (NL).**
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): **ASMA, Seferinus, Jelle [NL/NL]; Van Vroonhovenlaan 1A, NL-5503 CM Veldhoven (NL).**
- (74) Agent: **FERGUSON, Alexander; c/o Octrooibureau Vriesendorp & Gaade, P.O. Box 266, NL-2501 AW The Hague (NL).**
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): **AB, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, IIR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PII, PL, PT, RO, RU, SC, SD, SI, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.**
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): **ARIPO (BW, GII, GM, KE, LS, MW, MZ, NA, SD, SI, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).**

Declaration under Rule 4.17:

— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations **AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE,**

[Continued on next page]

(54) Title: CLAMPING DEVICE AND DEVICE FOR TRANSFERRING LOLLIOPS



WO 2005/014448 A1

(57) Abstract: Device for transferring lollipops (10) provided with a stick (11), comprising a transerrer (5), a first conveyor for supply of the lollipops to the transerrer and a second conveyor for discharge of the lollipops from the transerrer, wherein the first conveyor and the second conveyor comprise series of lollipop holders provided with first and second lollipop clamps (14), respectively, disposed on a first and second conveyor line respectively, such as a chain (12), to keep the lollipops in particular the sticks (11), in a first orientation and a second orientation, respectively, wherein the first and second orientations are at an angle to each other and wherein the transerrer (5) is provided with third lollipop clamps (22) and a holder (18) for them, wherein the holder (18) is disposed for moving the third lollipop clamps (22) from a position for taking over the lollipops supplied by the first conveyor in the first conveyor in the first orientation to a position for discharge of the lollipops in the second orientation to the second conveyor. The first, second and/or third lollipop clamps (14, 22) can be designed for clamping the sticks (11) of the lollipops.



EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS,
JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA,
MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM,
PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SI, SY, TJ,
TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM,
ZW, ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, NA,
SD, SI, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ,
BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE,
BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,

IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI patent
(BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,
SN, TD, TG)

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.